LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
Data File : BG039614.D
Acq On : 26 Feb 2019 23:58
Operator : JU/SJ
Sample : K1594-26
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2B(21-22)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.223	17	23	31	rBV	83562	172954	3.95%	0.671%
2	3.294	31	35	48	rVB	60976	98610	2.25%	0.382%
3	5.714	438	447	460	rBV	1234213	1971224	45.04%	7.644%
4	7.318	711	720	734	rBV	1261358	2261772	51.68%	8.770%
5	7.694	776	784	796	rBV	1171122	2068398	47.26%	8.020%
6	8.170	856	865	876	rVB	214419	370447	8.46%	1.436%
7	8.493	911	920	929	rBV	838438	1493423	34.12%	5.791%
8	9.345	1056	1065	1075	rBV	730057	1324166	30.26%	5.135%
9	10.989	1337	1345	1352	rBV	297568	538449	12.30%	2.088%
10	13.415	1748	1758	1768	rBV	1870948	2993831	68.41%	11.609%
11	14.232	1888	1897	1903	rBV	135922	189945	4.34%	0.737%
12	14.790	1985	1992	2000	rBV2	489465	819678	18.73%	3.178%
13	16.276	2237	2245	2261	rBV	1736907	2699622	61.69%	10.468%
14	17.533	2452	2459	2470	rBV	703223	1076709	24.60%	4.175%
15	18.385	2598	2604	2612	rBV2	105002	168913	3.86%	0.655%
16	20.124	2894	2900	2907	rBV	3233337	4376437	100.00%	16.970%
17	21.416	3115	3120	3133	rBV4	44904	118325	2.70%	0.459%
18	21.669	3158	3163	3168	rVB	129910	175741	4.02%	0.681%
19	21.822	3182	3189	3198	rBV	700445	1189938	27.19%	4.614%
20	21.969	3207	3214	3221	rBV2	25776	49008	1.12%	0.190%
21	22.597	3317	3321	3326	rVB	35216	53505	1.22%	0.207%
22	23.314	3438	3443	3450	rVB2	43968	80905	1.85%	0.314%
23	23.519	3473	3478	3486	rVB	53691	98443	2.25%	0.382%
24	24.160	3581	3587	3596	rVB2	40727	90095	2.06%	0.349%
25	25.200	3749	3764	3775	rVB2	380404	1233061	28.17%	4.781%
26	26.333	3949	3957	3966	rBV5	25310	75471	1.72%	0.293%

Sum of corrected areas: 25789070

LSC Report - Integrated Chromatogram

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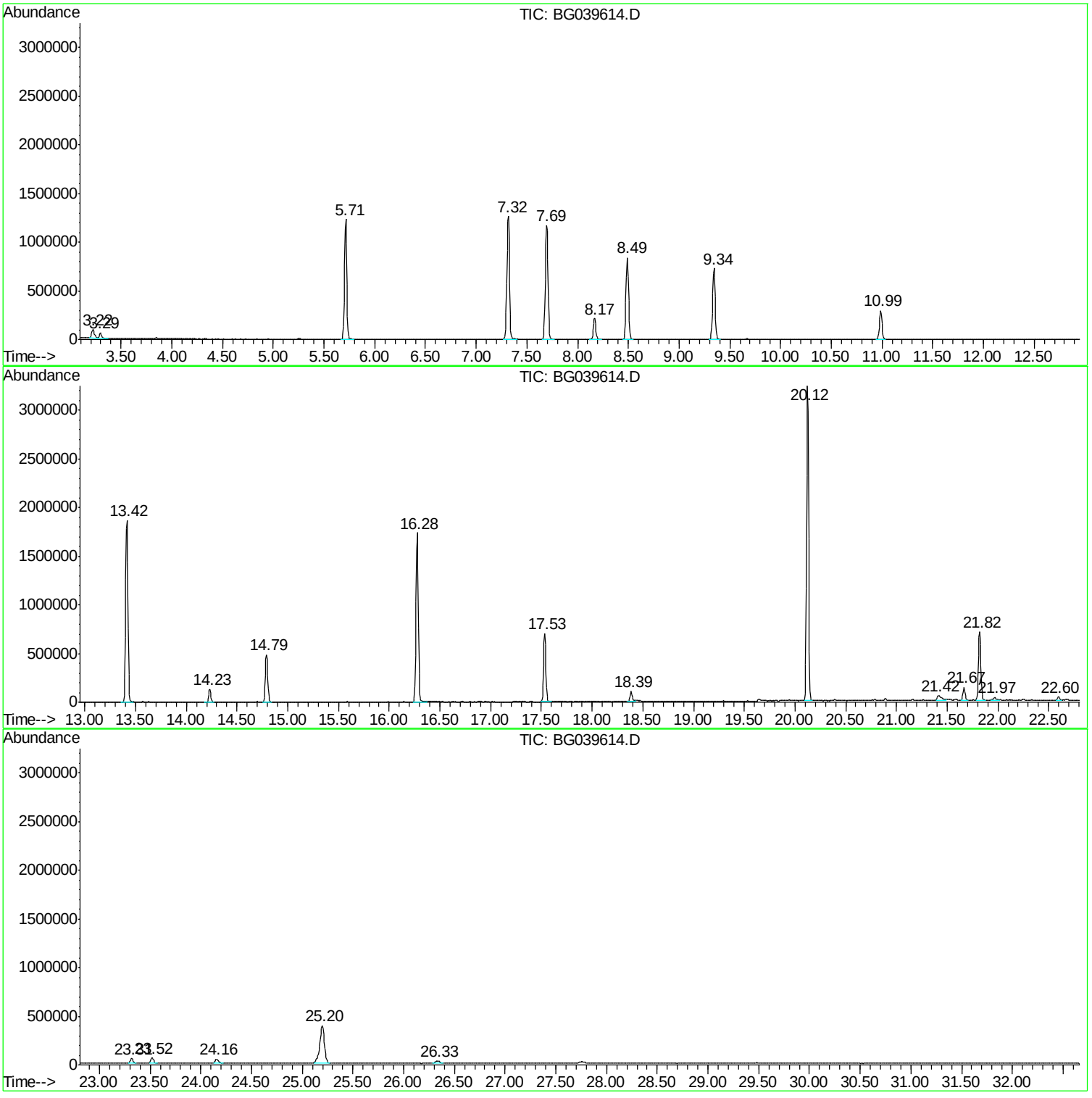
Instrument : BNA_G
ClientSampleId : B-2B(21-22)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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ClientSampleId : B-2B(21-22)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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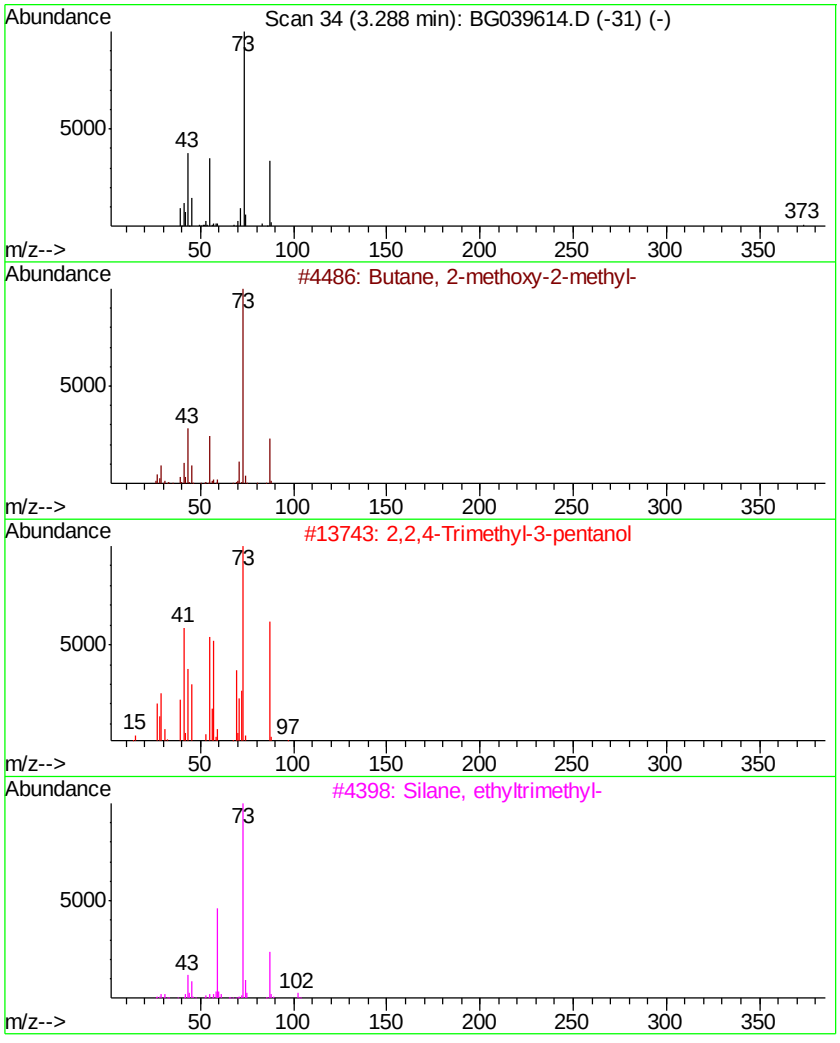
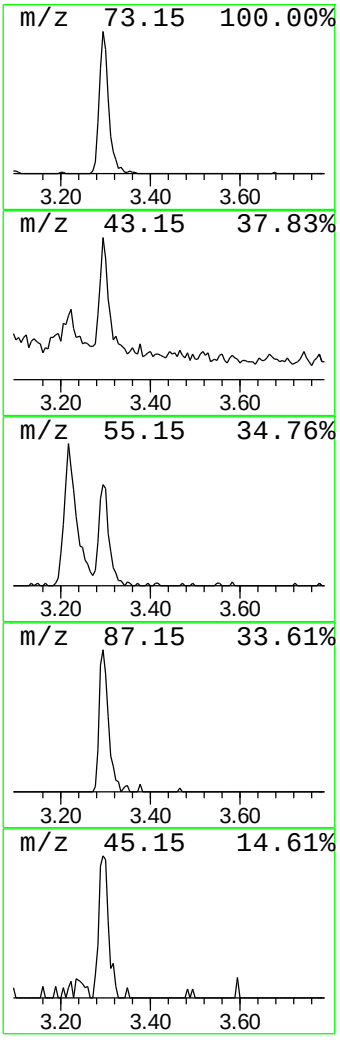
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	5.32 ng	98610	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5	1,4-Butanediamine	88	C4H12N2	000110-60-1	9





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Instrument : BNA_G
ClientSampleId : B-2B(21-22)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

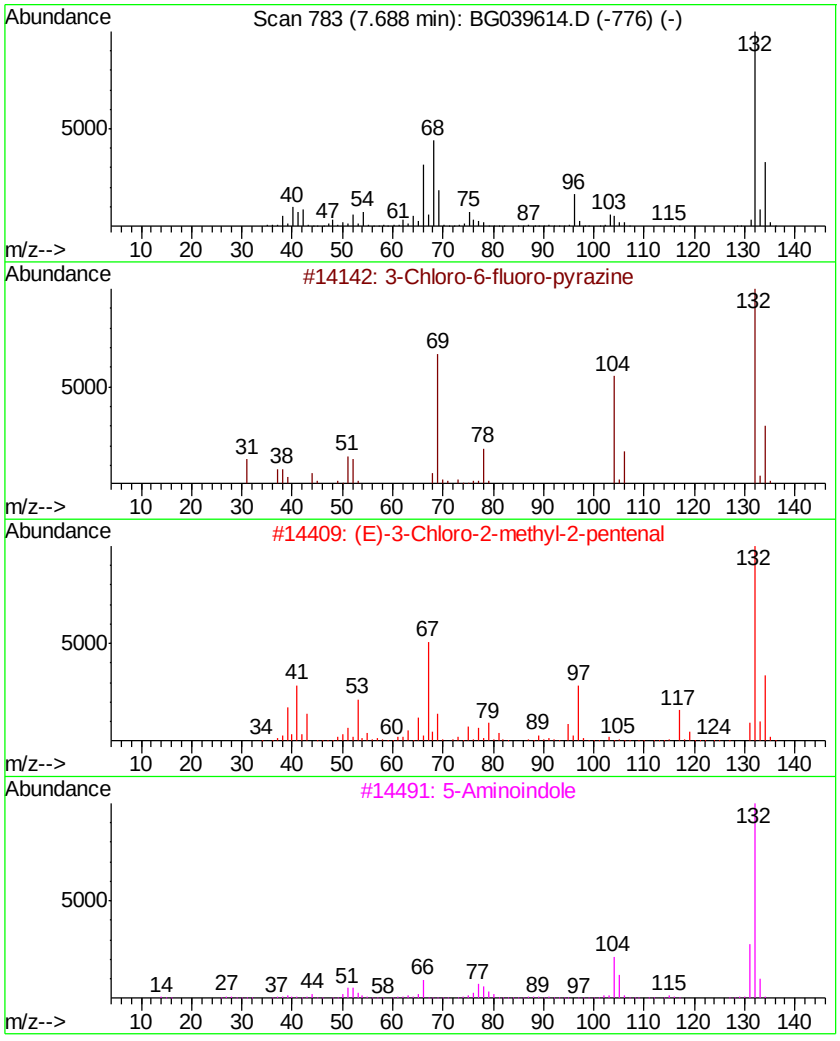
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

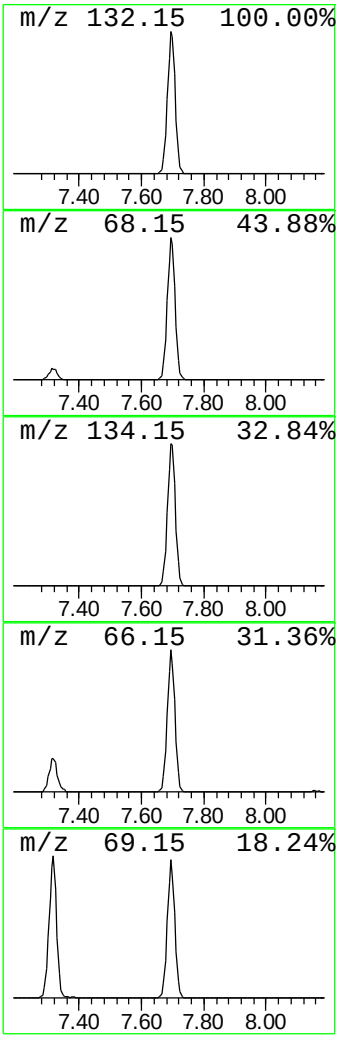
****

Peak Number 3 unknown7.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	111.67 ng	2068400	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12





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Instrument : BNA_G
ClientSampleId : B-2B(21-22)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
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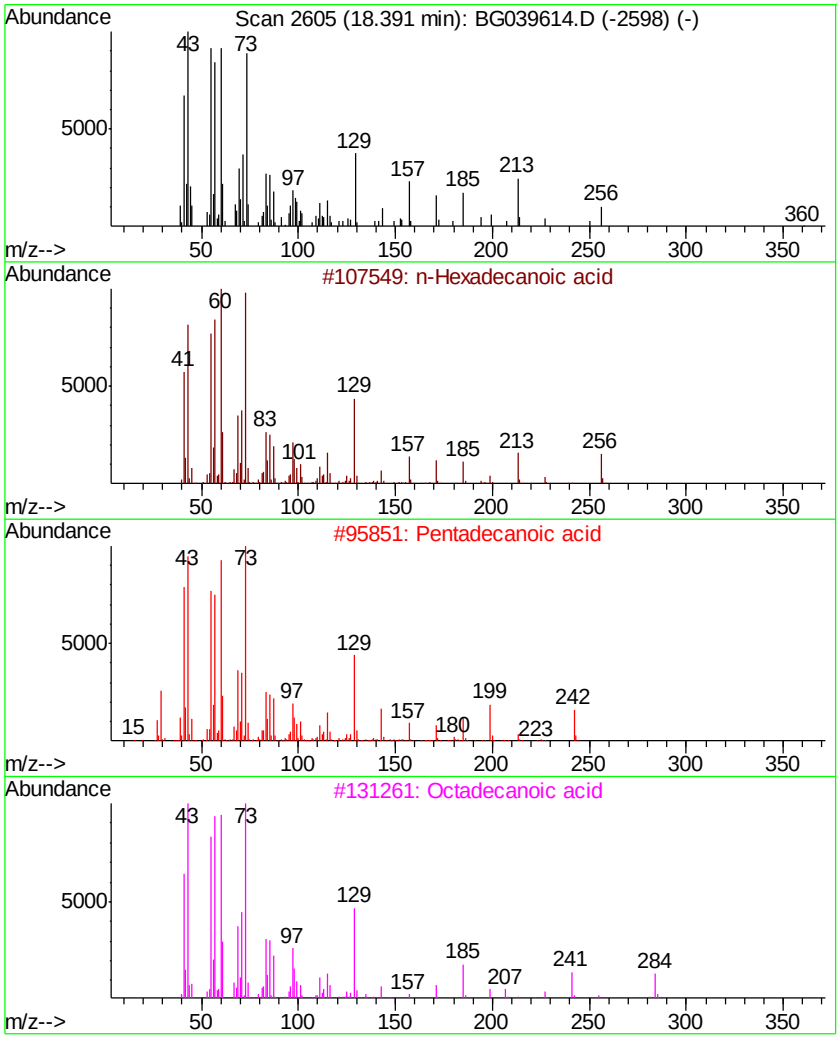
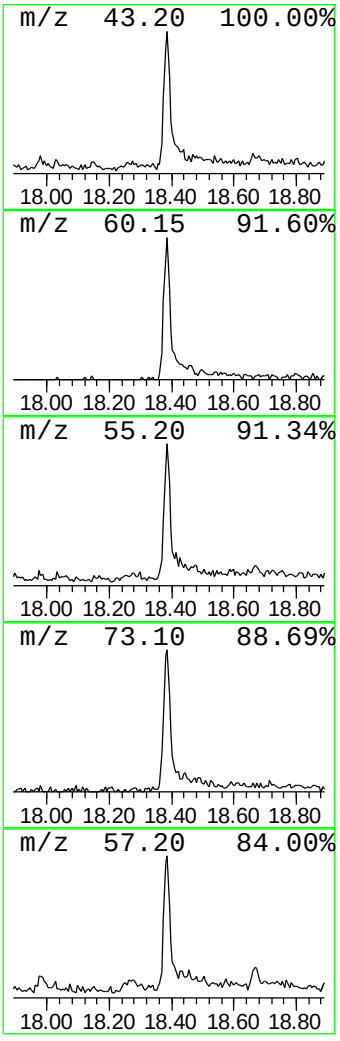
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	3.14 ng	168913	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	41





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.29	5.3	ng	98610	1	8.17	370447	20.0
unknown7.69	7.69	111.7	ng	2068400	1	8.17	370447	20.0
n-Hexadecanoic acid	18.39	3.1	ng	168913	4	17.53	1076710	20.0